



REPORT FOR ACTION WITH CONFIDENTIAL ATTACHMENT

Cyber Security Update

Date: February 24, 2024

To: Board of Directors, Toronto Parking Authority

From: President, Toronto Parking Authority

Wards: All

REASON FOR CONFIDENTIAL INFORMATION

This report involves the security of property belonging to the City or one of its agencies or corporations.

SUMMARY

The cyber security landscape continues to evolve rapidly, with emerging threats posing significant risks to our organization. Cyber resiliency and intelligence are keys to success in helping to secure the TPA against emerging threats. TPA conducts independent audits on an ongoing basis to strengthen its cyber security practices and closely collaborates with the City of Toronto's Chief Information Security Office (CISO) to manage and mitigate identified risks.

Cyberattacks are unauthorized attempts to gain access to a system and confidential data, modify it somehow, or delete or render information in the system unusable. These are some of the biggest threats facing organizations today. Our cyber security strategy remains focused on proactive threat detection, incident response readiness, and continuous improvement of security controls.

This report contains a confidential attachment describing the threat landscape, cyber security initiatives and investments in technology. This summary report aims to provide the Board of Directors with a comprehensive overview of TPA's cyber security status and outline actionable steps to strengthen its security posture.

Gurvinder Gill, Chief Information Officer, will provide a presentation to the TPA Board. These matters will require a closed-session discussion as they relate to the security of property belonging to the City or one of its agencies or corporations.

RECOMMENDATIONS

The President, Toronto Parking Authority recommends that:

1. The Board of Directors of Toronto Parking Authority receive this report for information.
2. The Board of Directors of Toronto Parking Authority directs that the confidential information contained in Confidential Attachment 1 remain confidential in its entirety, as it involves the security of property belonging to the City or one of its agencies or corporations.

FINANCIAL IMPACT

There are no financial implications resulting from this report.

DECISION HISTORY

At its May 25, 2023 meeting, the TPA Board of Directors adopted Item PA4.3, Cyber Security Update.

<https://secure.toronto.ca/council/agenda-item.do?item=2023.PA4.3>

At its meeting on April 6 and 7, 2022, Toronto City Council considered Item GL29.16, “Status of Audit Recommendations and Key Cyber Security Risks,” directing Boards of Agencies and Corporations to submit to the City’s Confirmation Program and provide 30 60 90-day remediation plans.

<http://app.toronto.ca/tmmis/viewAgendaItemHistory.do?item=2022.GL29.16>

Toronto City Council, at its meeting on November 9, 10 and 12, 2021, considered Item AU10.4, “Auditor General’s Cyber Security Review: Toronto Fire Services Critical System Review,” directing the City Manager to develop a confirmation program to mitigate cyber security risks across the City of Toronto, including all City divisions, agencies and corporations.

<http://app.toronto.ca/tmmis/viewAgendaItemHistory.do?item=2021.AU10.4>

At its meeting on July 19, 2021, the Board reviewed the results of a cyber security assessment of the Toronto Parking Authority’s information technology environment completed on July 2, 2021. At this meeting, the Board authorized staff to proceed with mitigation and remediation recommendations.

<http://app.toronto.ca/tmmis/viewAgendaItemHistory.do?item=2021.PA25.2>

Toronto City Council, at its meeting of October 29 and 30, 2019, in considering Item AU4.1, "Cyber Safety: A Robust Cyber Security Program Needed to Mitigate Current and Emerging Threats," requested the City's agencies and corporations to provide a cyber security enterprise risk assessment to the City of Toronto Chief Technology Officer.

<http://app.toronto.ca/tmmis/viewAgendaItemHistory.do?item=2019.AU4.1>

COMMENTS

Information technology plays a critical role in all aspects of TPA operations. TPA engages with MNP LLP yearly to conduct an evidence-based independent review of practices based on the Payment Card Industry Data Security Standards (PCI-DSS) and Threat Risk Assessment (TRA) using the Center for Internet Security (CIS) v8 controls and the Implementation Group 2 (IG 2) - Intermediate.

This framework includes 18 core control principles and supporting controls that provide the foundation for a leading practice cyber security program.

CONTACT

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SIGNATURE

W. Scott Collier
President, Toronto Parking Authority

ATTACHMENTS

Confidential Attachment 1 – Cyber Security Update